

AMENDMENTS TO THE CLAIMS

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Claims 1 to 20 (Cancelled)

21. (Previously Presented) An isolated nucleic acid molecule comprising a polynucleotide sequence selected from the group consisting of:

(a) an isolated polynucleotide encoding a polypeptide comprising amino acids 1 to 387 of SEQ ID NO:2; and

(b) an isolated polynucleotide encoding a polypeptide comprising amino acids 2 to 387 of SEQ ID NO:2.

22. (Previously Presented) The isolated nucleic acid molecule of claim 21, wherein said polynucleotide is (a).

23. (Currently Amended) The isolated nucleic acid molecule of claim 22, wherein said polynucleotide comprises [[of]]nucleotides 58 to 1218 of SEQ ID NO:1.

24. (Previously Presented) The isolated nucleic acid molecule of claim 21, wherein said polynucleotide is (b).

25. (Previously Presented) The isolated nucleic acid molecule of claim 24, wherein said polynucleotide comprises nucleotides 61 to 1218 of SEQ ID NO:1.

26. (Previously Presented) A recombinant vector comprising the isolated nucleic acid molecule of claim 21.

27. (Currently Amended) An isolated recombinant host cell comprising the vector sequence of claim 26.

28. (Previously Presented) A method of making an isolated polypeptide comprising:

(a) culturing the isolated recombinant host cell of claim 27 under conditions such that a polypeptide comprising either amino acids 1 to 387 of SEQ ID NO:2 or amino acids 2 to 387 of SEQ ID NO:2 is expressed; and

(b) recovering said polypeptide.

29. (Previously Presented) The isolated polynucleotide of claim 21 wherein said nucleic acid sequence further comprises a heterologous nucleic acid sequence.

30. (Previously Presented) The isolated polynucleotide of claim 29 wherein said heterologous nucleic acid sequence encodes a heterologous polypeptide.

31. (Previously Presented) An isolated nucleic acid molecule comprising a polynucleotide having a nucleotide sequence that is at least 98.0% identical to nucleotides 61 to

1218 of SEQ ID NO:1, wherein percent identity is calculated using a CLUSTALW global sequence alignment using default parameters.

32. (Previously Presented) An isolated nucleic acid molecule comprising a polynucleotide encoding a polypeptide that it as least 97.0% identical to amino acids 2 to 387 of SEQ ID NO:2, wherein percent identity is calculated using a CLUSTALW global sequence alignment using default parameters.

33. (Previously Presented) An isolated polynucleotide encoding a polypeptide comprising at least 364 contiguous amino acids of SEQ ID NO:2.

34. (Previously Presented) The isolated polynucleotide of claim 33, wherein said polynucleotide comprises at least 1092 contiguous nucleotides of SEQ ID NO:1.

35. (Previously Presented) An isolated nucleic acid molecule comprising the cDNA clone contained in plasmid HM74B in ATCC Deposit No. PTA-5853.

36. (Previously Presented) An isolated polynucleotide comprising the complementary sequence of (a) or (b) of Claim 21.